BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Estimate Cost Rs. 1785757.96

Name of Work:-Modified estimate for the work of Improvements of roads and drains at Mathrulayout and Someshwaranagara in ward no:04 Yelahanka New Town Sub Division

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard** soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **No. 5/ Item No. 2.4/ PWD SR 2015-16**	Cum							
	for RCC drain		1	60.00	1.50	1.20	108.00		
			2	60.00	1.00	0.90	108.00		
	CC Road		1	55.00	3.00	0.30	49.50		
	Culvert		1	6.00	1.50	1.20	10.80		
							276.30	250.00	69075.00
	Tender Rate	250.00							
2	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2015-16)	Cum							
			1	60.00	1.20	0.15	10.80		
			2	60.00	0.90	0.15	16.20		
			1	55.00	3.00	0.15	24.75		
	Culvert		1	6.00	1.50	0.15	1.35		
	Tender Rate						53.10	5000.00	265500.00

	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs. with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with super plastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2015-16,p.no13,sno4.11)	Cum							
	bottom concrete for drain		1	60.00	1.10	0.23	15.18		
	Side wall		1x2	60.00	0.23	1.00	27.60		
			1x2	60.00	0.75	0.15	13.50		
	Side wall for drain		2x2	60.00	0.15	0.60	21.60		
	For CD		1	6.00	1.40	0.30	2.52		
	wall		1x2	6.00	0.30	1.00	3.60		
	deck slab		1	6.00	1.40	0.30	2.52		
	CC Road		1	55.00	3.00	0.15	24.75		
	Cast in situ RCC covering		1	60.00	1.20	0.23	16.56		
	Tender Rate						**127.83**	**5600.00**	**715848.00**
4	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe55 0(pwd sr2015-16,p.no17,s.no4.46)	Qtl							
	for culvert 90 kg / cum	0.90		25.20			**22.68**		
	For drain 65 kgs / cum	0.65		77.88			**50.62**		
	Tender Rate	6500.00					**73.30**	**6500.00**	**476463.00**
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2015-16, p.no15/4.31)	Sqm							
	for drain		1x4	60.00		1.00	240.00		
			2x4	60.00		0.60	288.00		

	CD		1x4	6.00		1.00	24.00		
			1	6.00	0.80		4.80		
			2	6.00		0.30	3.60		
			2	1.40		0.30	0.84		
			1	60.00		0.70	42.00		
			2	60.00		0.23	27.60		
							630.84	**296.40**	**186981.00**
	Tender Rate	296.40							
6	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (BBMP Approved Data Rate).	Sqm							
			1	64.00	0.74		48.00		
							48.00	**1498.00**	**71904.00**
	Rate	1498.00							
									13.02
7	Miscellaneous charges								
								Total RS	**1785757.98**
	(Rupees nineteen lakhs only)								

Certificate

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2015-16
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

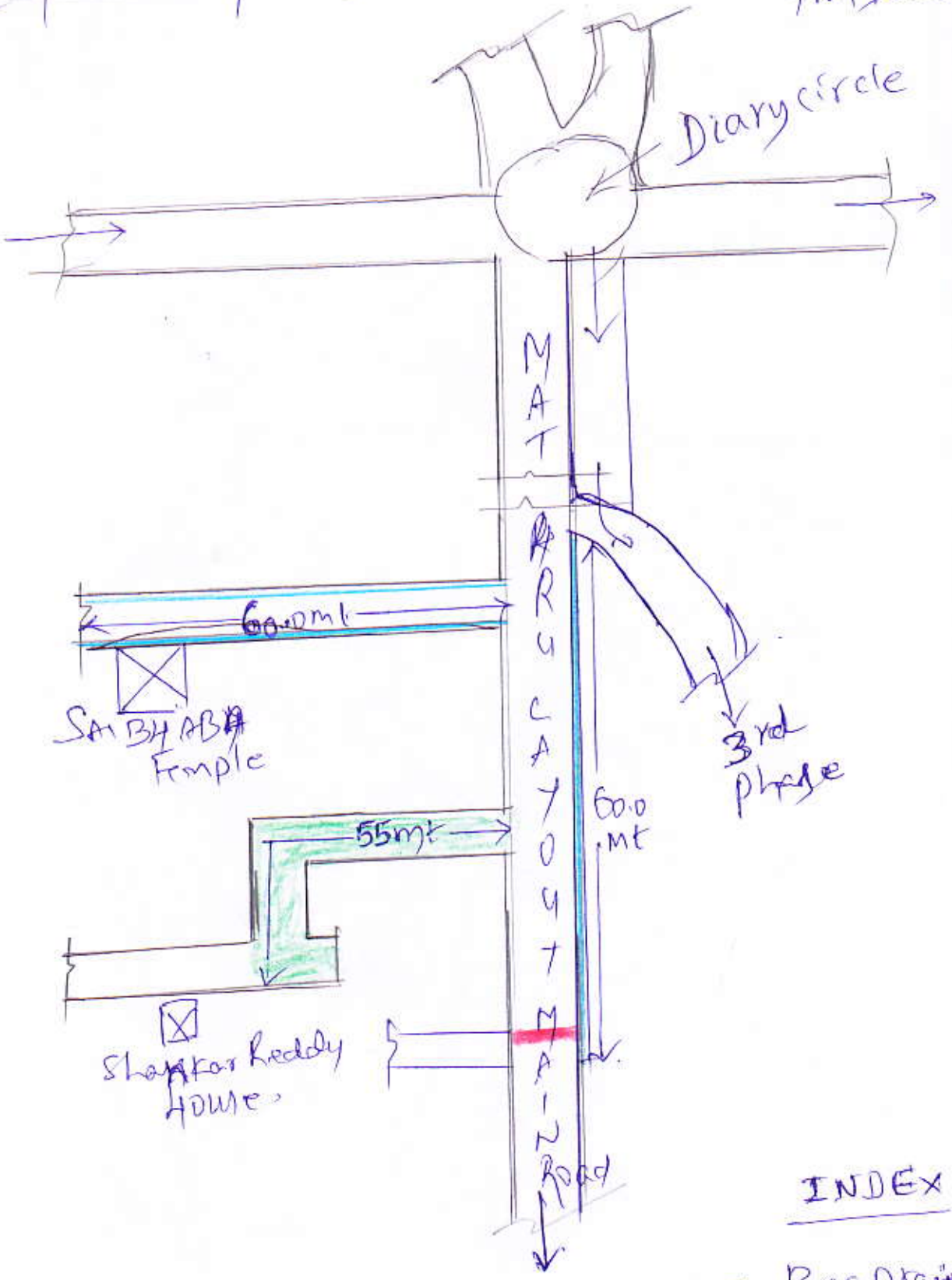
Assistant Engineer
Ward no: 04

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

"Modified Estimate Sanctioned"

MODIFIED WORK: Improvements to roads & drains @ Malaru layout & Sonnenwaranagara in WARD No 4 of PNT Assembly



Ramaajeevaiah AK.